

Waste Tire Abatement Initiative in Iowa

Progress and Solutions in Stockpile Cleanups

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**Iowa Department of
Natural Resources**



Abatement Program Review:

- 1996 - Estimated 6 million tires - 60+ stockpiles
- 1996 - Legislation passed: established Tire Fund
- 1998-2002 - Tire Abatement Program Implemented
 - 9.3 million tires removed from 65 sites
 - \$9.7 million in abatement contracts
 - \$1.04 per tire average expense
 - all material recovered and processed for markets



Keys to program success:

- ✓ Ends justify means
- ✓ Learn from other's experience
- ✓ Performance based contracts
- ✓ Action and results to gain support



Enforcement Tactics: Blood & Turnips

- Civil law prosecution
- \$5.5 million in outstanding court ordered penalties
- \$150,000 cost share from landowners (\$500-\$25,000)
- innocent landowners
- in-kind contributions
 - cleanup of other wastes
 - conservation enhancement
 - agreements for future operations



Tire Abatement Contractors: Practice vs. Promise

- ◆ Hire capable firms
- ◆ Experience & Expertise
- ◆ Avoid the learning curve
- ◆ No “start ups”
- ◆ Markets, markets, markets....
- ◆ Weighted score system for bid proposals



Bidding Process

- ◆ Bid issued by RFP
- ◆ Bids based on price per ton
- ◆ 100 point bid review
 - 40 pts. for price
 - 20 pts. End-markets
 - 20 pts. Cleanup plan
 - 20 pts. Experience
- ◆ \$5,000 bid bond
- ◆ team review



Contract & Performance Process

- ◆ Performance Bond: \$100K-\$1M
- ◆ Contract document: only 2 pages - reference RFP
- ◆ pay per ton, with 125% value
- ◆ invoicing every 30 days
- ◆ weight tickets - pay from weight at processing site
- ◆ documentation of end-use marketing per invoice



Abatement Highlights:

- ◆ Ervin Stockpile - Webster County
- ◆ 3 million tires - 20 month project



Abatement Highlights:

- ◆ Grell Stockpile - Ft. Dodge
- ◆ 2.2 million tires - 12 month project



DNR

Abatement Highlights:

- ◆ Freland Estate, Marshall County
- ◆ 550,000 tires - 12 month project



Thank you

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